

B¹ layer is structured to form a vapor channel structure with [are] at least one vapor channel, such that the at least one vapor channel extends between the first area and second area and has a flow cross section which is larger than a flow cross section of the at least one capillary area.

Claim 33, line 2, change "surface" to --surfaces--;

Please add new claims 62 and 63 as follows:

B² --62. A cooler having a housing in which a closed interior space is formed to hold a liquid, vaporizable coolant or heat-transport medium, with at least one first cooling or vaporization area formed in the housing interior for accommodating a heat output and a second condensation area formed in the housing and is spatially distant for dissipating heat, the housing comprising:

a plurality of plates which are joined to one another and which are provided with a plurality of openings;

at least two metal layers which follow one another in a stack are structured to form at least one capillary area which extends between the first cooling or vaporization area and the second condensation area, at least one other metal layer is structured to form a vapor channel structure with at least one vapor channel, such that the at least one vapor channel extends between the first area and second area and has a flow cross section which is larger than a flow cross section of the at least one capillary area,

wherein the structuring of the plurality of metal plates is such that in the area of these plates a widely branched channel system results, the channel system having continuous, post-like areas extending between a closed top and a closed bottom of the cooler; and

wherein the plurality of openings in the metal layers forming the vapor channel structure have a larger cross section

than plurality of openings in the metal layers which form the capillary structure.--

B2 --63. A cooler having a housing in which a closed interior space is formed to hold a liquid, vaporizable coolant or heat-transport medium, with at least one first cooling or vaporization area formed in the housing interior for accommodating a heat output and a second condensation area which is formed in the housing and is spatially distant for dissipating heat, the housing comprising:

a plurality of plates which are joined to one another and which are provided with a plurality of openings;

at least two metal layers which follow one another in a stack and are structured to form at least one capillary area which extends between the first cooling or vaporization area and the second condensation area, and at least one other metal layer is structured to form a vapor channel structure with at least one vapor channel, such that the at least one vapor channel extends between the first area and second area and has a flow cross section which is larger than a flow cross section of the at least one capillary area,

wherein the structuring of the plurality of metal plates is such that in the area of these plates a widely branched channel system results, the channel system having continuous, post-like areas extending between a closed top and a closed bottom of the cooler, and

wherein the metal layers which form the vapor channel structure have more openings than the metal layers which form the capillary structure.--

REMARKS

The Examiner rejected the specification as failing to disclose a plurality of plates having a plurality of openings in at least two metal layers forming the capillary area and at least one other metal layer forming a vapor structure. The Examiner's